

| Ref # | Hits | Search Query  | DBs                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---------------------------|------------------|---------|------------------|
| L1    | 6    | "4339161"   | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/05/31 17:27 |
| L2    | 21   | "0179252"   | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/05/31 17:27 |
| L3    | 0    | "EP 0 179 252"  | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/05/31 17:27 |
| L4    | 0    | "EP 0 179 252 A2"   | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/05/31 17:27 |
| L5    | 50   | (monitor\$3) near3 (protection<br>near (zone\$1 area\$1 space\$1))                      | USPAT;<br>EPO;<br>DERWENT | OR               | OFF     | 2005/05/31 17:27 |
| L6    | 35   | (monitor\$3) near3 (protection<br>near (zone\$1 area\$1 space\$1))                      | USPAT                     | OR               | OFF     | 2005/05/31 17:27 |
| L7    | 0    | (disabl\$4 near3 machine\$4) with<br>((protect\$3) near2 (zone\$1 area\$1<br>space\$1)) | USPAT                     | OR               | OFF     | 2005/05/31 17:27 |
| L8    | 0    | (disabl\$4 near3 machine\$4) same<br>((protect\$3) near2 (zone\$1 area\$1<br>space\$1)) | USPAT                     | OR               | OFF     | 2005/05/31 17:27 |
| L9    | 1495 | (disabl\$4 near3 machine\$4)  | USPAT                     | OR               | OFF     | 2005/05/31 17:27 |
| L10   | 26   | (disabl\$4 near3 machine\$4) and<br>((protect\$3) near2 (zone\$1 area\$1<br>space\$1))  | USPAT                     | OR               | OFF     | 2005/05/31 17:27 |

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 418  | (((((monitor\$3 protect\$3 inspect\$3 safeguard\$3 safe-guard\$3 (safe adj guard\$3) watch\$3 observ\$3 check\$3 control\$4 supervis\$3 survey\$3 track\$3) with (endanger\$3 danger\$3 hazard\$3 imperil\$3 peril\$3 threat\$5) with (condition\$1 situation\$1 region\$1 area\$1 zone\$1 operator\$1 hand\$1 item\$1 bod\$3 object\$1)) and ((diabl\$3 stop\$4 debilitat\$3 disarm\$3 immobiliz\$3 incapacitat\$3 paralyz\$3 (render\$3 ajd incapable)))) and color\$1) and (camera ccd charge-coupled (charge adj coupled))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/31 17:37 |
| L2    | 182  | (((((monitor\$3 protect\$3 inspect\$3 safeguard\$3 safe-guard\$3 (safe adj guard\$3) watch\$3 observ\$3 check\$3 control\$4 supervis\$3 survey\$3 track\$3) with (endanger\$3 danger\$3 hazard\$3 imperil\$3 peril\$3 threat\$5) with (condition\$1 situation\$1 region\$1 area\$1 zone\$1 operator\$1 hand\$1 item\$1 bod\$3 object\$1)) and ((diabl\$3 stop\$4 debilitat\$3 disarm\$3 immobiliz\$3 incapacitat\$3 paralyz\$3 (render\$3 ajd incapable)))) and color\$1) and (camera ccd charge-coupled (charge adj coupled))) | USPAT   | OR               | OFF     | 2005/05/31 17:37 |
| L3    | 2    | ("5109435"   "5261010").PN.   | USPAT   | OR               | OFF     | 2005/05/31 17:37 |
| L4    | 4    | "6088468".URPN.   | USPAT   | OR               | OFF     | 2005/05/31 17:37 |
| L5    | 2373 | pixel adj matrix  | USPAT   | OR               | OFF     | 2005/05/31 17:37 |
| L6    | 1450 | 250/221.ccls.   | USPAT   | OR               | OFF     | 2005/05/31 17:37 |
| L7    | 2066 | 250/221.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/31 17:37 |
| L8    | 191  | 250/221.ccls. and color   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/31 17:37 |
| L9    | 7    | ("4107522"   "4127771"   "4339660"   "4546246"   "5004908"   "5008530"   "5180910").PN.   | USPAT   | OR               | OFF     | 2005/05/31 17:37 |

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L10 | 1   | "6075238".URPN.   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L11 | 0   | "No." 5-63500   | JPO   | OR | OFF | 2005/05/31 17:37 |
| L12 | 2   | ("4737842"   "4953011").PN.   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L13 | 3   | "5428385".URPN.   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L14 | 2   | 5-63500   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L15 | 0   | "19619188"  | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L16 | 0   | "19619188"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L17 | 2   | "de 196 19 688 A1"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L18 | 1   | 19619688a1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L19 | 55  | (pixel adj matrix) with camera  | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L20 | 418 | (((((monitor\$3 protect\$3 inspect\$3<br>safeguard\$3 safe-guard\$3 (safe<br>adj guard\$3) watch\$3 observ\$3<br>check\$3 control\$4 supervis\$3<br>survey\$3 track\$3) with<br>(endanger\$3 danger\$3 hazard\$3<br>imperil\$3 peril\$3 threat\$5) with<br>(condition\$1 situation\$1 region\$1<br>area\$1 zone\$1 operator\$1 hand\$1<br>item\$1 bod\$3 object\$1)) and<br>((diabl\$3 stop\$4 debilitat\$3<br>disarm\$3 immobiliz\$3<br>incapacitat\$3 paralyz\$3 (render\$3<br>ajd incapable)))) and color\$1) and<br>(camera ccd charge-coupled<br>(charge adj coupled)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |

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|-----|-----|--|---|----|-----|------------------|
| L21 | 182 | (((monitor\$3 protect\$3 inspect\$3 safeguard\$3 safe-guard\$3 (safe adj guard\$3) watch\$3 observ\$3 check\$3 control\$4 supervis\$3 survey\$3 track\$3) with (endanger\$3 danger\$3 hazard\$3 imperil\$3 peril\$3 threat\$5) with (condition\$1 situation\$1 region\$1 area\$1 zone\$1 operator\$1 hand\$1 item\$1 bod\$3 object\$1)) and ((diabl\$3 stop\$4 debilitat\$3 disarm\$3 immobiliz\$3 incapacitat\$3 paralyz\$3 (render\$3 ajd incapable)))) and color\$1) and (camera ccd charge-coupled (charge adj coupled))   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L22 | 0   | (((monitor\$3 protect\$3 inspect\$3 safeguard\$3 safe-guard\$3 (safe adj guard\$3) watch\$3 observ\$3 check\$3 control\$4 supervis\$3 survey\$3 track\$3) with (endanger\$3 danger\$3 hazard\$3 imperil\$3 peril\$3 threat\$5) with (condition\$1 situation\$1 region\$1 area\$1 zone\$1 operator\$1 hand\$1 item\$1 bod\$3 object\$1)) and ((diabl\$3 stop\$4 debilitat\$3 disarm\$3 immobiliz\$3 incapacitat\$3 paralyz\$3 (render\$3 ajd incapable)))) and color\$1) and (camera ccd charge-coupled (charge adj coupled)) ) not (((monitor\$3 protect\$3 inspect\$3 safeguard\$3 safe-guard\$3 (safe adj guard\$3) watch\$3 observ\$3 check\$3 control\$4 supervis\$3 survey\$3 track\$3) with (endanger\$3 danger\$3 hazard\$3 imperil\$3 peril\$3 threat\$5) with (condition\$1 situation\$1 region\$1 area\$1 zone\$1 operator\$1 hand\$1 item\$1 bod\$3 object\$1)) and ((diabl\$3 stop\$4 debilitat\$3 disarm\$3 immobiliz\$3 incapacitat\$3 paralyz\$3 (render\$3 ajd incapable)))) and color\$1) and (camera ccd charge-coupled (charge adj coupled))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L23 | 581 | 382/110-112.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L24 | 372 | 382/110-112.ccls. and color   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L25 | 262 | 382/110-112.ccls. and color and<br>(camera ccd charge-coupled<br>(charge adj coupled))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L26 | 70  | (382/110-112.ccls. and color and<br>(camera ccd charge-coupled<br>(charge adj coupled))) and<br>(disabl\$3 stop\$3 debilitat\$3<br>disarm\$3 immobiliz\$3<br>incapacitat\$3 paralyz\$3 (render<br>adj incapable))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L27 | 19  | 382/103.ccls. and 382/165.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L28 | 104 | ("4401976" "4526168" "5020863"<br>"5445413" "5714882" "5998785"<br>"4460066" "4819551" "4962737"<br>"5408089" "5950540" "5402525"<br>"6097489" "6234317" "4359637"<br>"4379290" "4385526" "4405919"<br>"4446718" "4458015" "4502146"<br>"4567475" "4594584" "4758964"<br>"4881030" "5025135" "5403073"<br>"5419407" "5452195" "5484265"<br>"5541857" "5587865" "5802266"<br>"5868427" "6092217" "6226576"<br>"6226576" "6236478" "6598045"<br>"4029176" "4253702" "4265317"<br>"4278431" RE30719 "4301642"<br>"4359360" "4421006" "4563835"<br>"4577813" "4811701").pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |

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|-----|-------|---|---|----|-----|------------------|
| L29 | 49    | ("4401976" "4526168" "5020863"<br>"5445413" "5714882" "5998785"<br>"4460066" "4819551" "4962737"<br>"5408089" "5950540" "5402525"<br>"6097489" "6234317" "4359637"<br>"4379290" "4385526" "4405919"<br>"4446718" "4458015" "4502146"<br>"4567475" "4594584" "4758964"<br>"4881030" "5025135" "5403073"<br>"5419407" "5452195" "5484265"<br>"5541857" "5587865" "5802266"<br>"5868427" "6092217" "6226576"<br>"6226576" "6236478" "6598045"<br>"4029176" "4253702" "4265317"<br>"4278431" RE30719 "4301642"<br>"4359360" "4421006" "4563835"<br>"4577813" "4811701").pn. | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L30 | 12895 | surveillance  | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L31 | 0     | 382/152,162-165,141,155,103.pn.   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L32 | 2523  | 382/152,162-165,141,155,103.<br>ccls.   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L34 | 122   | surveillance and 382/152,162-165,<br>141,155,103.ccls.  | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L35 | 1     | "6075238".pn.   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L36 | 21111 | (monitor\$3 protect\$3 inspect\$3<br>safeguard\$3 safe-guard\$3 (safe<br>adj guard\$3) watch\$3 observ\$3<br>check\$3 control\$4 supervis\$3<br>survey\$3 track\$3) with<br>(endanger\$3 danger\$3 hazard\$3<br>imperil\$3 peril\$3 threat\$5) with<br>(condition\$1 situation\$1 region\$1<br>area\$1 zone\$1 operator\$1 hand\$1<br>item\$1 bod\$3 object\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L37 | 78    | ((color RGB) and (weigh\$3 near2<br>factor\$1)) same (threshold\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L38 | 1548  | 382/152,165,110-112.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L39 | 245   | 382/152.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |

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|-----|------|---|---|----|-----|------------------|
| L40 | 749  | 382/165.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L41 | 388  | 382/165.ccls.   | USPAT   | OR | OFF | 2005/05/31 17:37 |
| L42 | 581  | 382/110-112.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L43 | 376  | 382/110-112.ccls. and (color or RGB)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L44 | 2    | "5912980".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L45 | 15   | noise same (connect\$3 near2 (region\$1 area\$1 surface\$1)) same (morphologic\$2 morphology erosion dilation)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L46 | 292  | 382/257,308.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L47 | 2542 | noise same (connect\$3 near2 (region\$1 area\$1 section\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L48 | 4    | 382/257,308.ccls. and (noise same (connect\$3 near2 (region\$1 area\$1 section\$1)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L49 | 8    | (reduc\$3 near3 noise) same (connect\$3 near2 (region\$1 area\$1 surface\$1)) and (morphologic\$2 morphology erosion dilation)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L50 | 10   | ((reduc\$3 minimiz\$3 eliminat\$3) near3 noise) same (connect\$3 near2 (region\$1 area\$1 surface\$1)) and (morphologic\$2 morphology erosion dilation) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| L51 | 2   | ((((reduc\$3 minimiz\$3 eliminat\$3) near3 noise) same (connect\$3 near2 (region\$1 area\$1 surface\$1)) and (morphologic\$2 morphology erosion dilation) ) not ((reduc\$3 near3 noise) same (connect\$3 near2 (region\$1 area\$1 surface\$1)) and (morphologic\$2 morphology erosion dilation) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L52 | 288 | ((((reduc\$3 minimiz\$3 eliminat\$3) near3 noise) and (connect\$3 near2 (region\$1 area\$1 surface\$1)) and (morphologic\$2 morphology erosion dilation) ) not ((reduc\$3 near3 noise) same (connect\$3 near2 (region\$1 area\$1 surface\$1)) and (morphologic\$2 morphology erosion dilation) )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L53 | 292 | 382/257,308.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L54 | 8   | (linear with combination) same (RGB color) same (weight adj factor)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L55 | 56  | (linear with combination) same (RGB color) same (weight)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L56 | 418 | (((((monitor\$3 protect\$3 inspect\$3 safeguard\$3 safe-guard\$3 (safe adj guard\$3) watch\$3 observ\$3 check\$3 control\$4 supervis\$3 survey\$3 track\$3) with (endanger\$3 danger\$3 hazard\$3 imperil\$3 peril\$3 threat\$5) with (condition\$1 situation\$1 region\$1 area\$1 zone\$1 operator\$1 hand\$1 item\$1 bod\$3 object\$1)) and ((diabl\$3 stop\$4 debilitat\$3 disarm\$3 immobiliz\$3 incapacitat\$3 paralyz\$3 (render\$3 adj incapable)))) and color\$1) and (camera ccd charge-coupled (charge adj coupled)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |



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|-----|------|--|---|----|-----|------------------|
| L57 | 581  | 382/110-112.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L58 | 19   | 382/103.ccls. and 382/165.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L59 | 10   | ((reduc\$3 minimiz\$3 eliminat\$3<br>near3 noise) same (connect\$3<br>near2 (region\$1 area\$1<br>surface\$1)) and (morphologic\$2<br>morphology erosion dilation) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L60 | 191  | 250/221.ccls. and color  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L61 | 192  | 250/221.ccls. and (color RGB)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L62 | 376  | 382/110-112.ccls. and (color RGB)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:37 |
| L63 | 122  | surveillance and 382/152,162-165,<br>141,155,103.ccls.   | USPAT   | OR | OFF | 2005/05/31 17:38 |
| L64 | 71   | (RGB color) same (weight adj<br>factor)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/31 17:38 |
| L65 | 254  | 382/144.ccls.  | USPAT   | OR | OFF | 2005/05/31 17:50 |
| L66 | 1146 | 382/141-149.ccls. and (divid\$4 or<br>division\$1 or seperat\$4 or<br>section\$4 or (split\$4 near area\$1))   | USPAT   | OR | OFF | 2005/05/31 17:51 |
| L67 | 6    | 382/141-149.ccls. and ((divid\$4 or<br>division\$1 or seperat\$4 or<br>section\$4 or (split\$4 near area\$1))<br>same (ball near grid near<br>array\$1))           | USPAT   | OR | OFF | 2005/05/31 17:53 |
| L68 | 85   | 382/141-149.ccls. and ((divid\$4 or<br>division\$1 or seperat\$4 or<br>section\$4 or (split\$4 near area\$1))<br>same (hole\$1))                                   | USPAT   | OR | OFF | 2005/05/31 17:53 |

| Ref # | Hits | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------|------------------|---------|------------------|
| L1    | 1    | (endanger\$4 and (monitor\$4 or observ\$4) and (disabl\$4 or deactivat\$5 or (shut near down) or (turn near off)) and (color\$4 or colour\$3)).clm. | US-PGPUB | OR               | OFF     | 2005/06/30 15:42 |

Day : Tuesday  
Date: 5/31/2005

Time: 17:37:19

**PALM INTRANET**

# Content Information for 09/755197

Search Another: Application#   or Patent#    
PCT /  /   or PG PUBS #    
Attorney Docket #    
Bar Code #

| Appln Info | Contents | Petition Info | Atty/Agent Info                              | Continuity Data | Foreign Data |
|------------|----------|---------------|--|-----------------|--------------|
| Date       | Status   | Code          | Description                                  |                 |              |
| 04/13/2005 |          | TSSCOMP       | IFW TSS PROCESSING BY TECH CENTER COMPLETE   |                 |              |
| 04/13/2005 |          | FWDX          | DATE FORWARDED TO EXAMINER                   |                 |              |
| 01/18/2005 | 71       | A...          | RESPONSE AFTER NON-FINAL ACTION              |                 |              |
| 06/04/2001 |          | C604          | SUBSTITUTE SPECIFICATION FILED               |                 |              |
| 06/04/2001 |          | C614          | NEW OR ADDITIONAL DRAWING FILED              |                 |              |
| 01/18/2005 |          | WAMD          | WORKFLOW INCOMING AMENDMENT IFW              |                 |              |
| 10/15/2004 | 41       | MCTNF         | MAIL NON-FINAL REJECTION                     |                 |              |
| 10/04/2004 | 40       | CTNF          | NON-FINAL REJECTION                          |                 |              |
| 07/26/2004 |          | FWDX          | DATE FORWARDED TO EXAMINER                   |                 |              |
| 05/18/2004 | 71       | A...          | RESPONSE AFTER NON-FINAL ACTION              |                 |              |
| 05/18/2004 |          | M844          | INFORMATION DISCLOSURE STATEMENT (IDS) FILE  |                 |              |
| 05/18/2004 |          | LET.          | MISCELLANEOUS INCOMING LETTER                |                 |              |
| 05/18/2004 |          | XT/G          | REQUEST FOR EXTENSION OF TIME - GRANTED      |                 |              |
| 05/18/2004 |          | WAMD          | WORKFLOW INCOMING AMENDMENT IFW              |                 |              |
| 02/09/2004 | 41       | MCTNF         | MAIL NON-FINAL REJECTION                     |                 |              |
| 02/05/2004 | 40       | CTNF          | NON-FINAL REJECTION                          |                 |              |
| 01/22/2004 |          | FWDX          | DATE FORWARDED TO EXAMINER                   |                 |              |
| 01/13/2004 | 71       | ELC.          | RESPONSE TO ELECTION / RESTRICTION FILED     |                 |              |
| 01/13/2004 |          | XT/G          | REQUEST FOR EXTENSION OF TIME - GRANTED      |                 |              |
| 11/25/2003 | 41       | MCTRS         | MAIL RESTRICTION REQUIREMENT                 |                 |              |
| 11/24/2003 | 40       | CTRS          | REQUIREMENT FOR RESTRICTION / ELECTION       |                 |              |
| 09/30/2003 |          | DOCK          | CASE DOCKETED TO EXAMINER IN GAU             |                 |              |
| 06/04/2001 |          | RQPR          | REQUEST FOR FOREIGN PRIORITY (PRIORITY PAPER |                 |              |
| 06/04/2001 |          | A.PE          | PRELIMINARY AMENDMENT                        |                 |              |
| 05/07/2002 | 30       | DOCK          | CASE DOCKETED TO EXAMINER IN GAU             |                 |              |